

2977-112
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GP 1641

#6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Hwei-Sing KWANG et al.)
Serial No. 10/018,892) Examiner:
Filed: August 6, 2002) Group Art Unit: 1641
For: DETECTION OF SALMONELLA)
ENTERITIDIS)

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,
Applicant submits herewith copies of publications that the Office
may wish to consider in examination of the subject application.
The publications are listed on the attached form PTO-1449.

Respectfully submitted,

By Barbara G. Ernst
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Application Number	10/018,892
Filing Date	August 6, 2002
First Named Inventor	Hwei-Sing Kwang
Group Art Unit	1641
Examiner Name	

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Sheet 1 of 3

Attorney Docket Number 2977-112

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	AA	5,510,241		Thorns	04-23-1996

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
	AB	WO	92/06197	A1	The Minister for Agriculture, Fisheries and Food in her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland.	04-16-1992	
	AC	WO	98/03656	A1	Regents of the University of Minnesota	01-29-1998	
Examiner Signature					Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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Sheet	2	of	3	Attorney Docket Number	2977-112
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	AD	Barrow, P.A., "Serological diagnosis of <i>Salmonella</i> serotype <i>enteritidis</i> infections in poultry by ELISA and other tests," <i>International Journal of Food Microbiology</i> , 21(1994): 55-68, Elsevier Science B.V.	
	AE	Van Asten, A.J.A.M. et al., "Identification of the Domain Which Determines the g,m Serotype of the Flagellin of <i>Salmonella enteritidis</i> ," <i>Journal of Bacteriology</i> , Mar, 1995, pp. 1610-1613, Vol. 177, No.6. American Society for Microbiology.	
	AF	Rajashekara, Gireesh et al., "Application of Recombinant Fimbrial Protein for the Specific Detection of <i>Salmonella enteritidis</i> Infection in Poultry," <i>Diagn Microbiol Infect Dis</i> , 1998, 32:147-157. Elsevier Science Inc., New York, NY.	
	AG	McDonough, Patrick L., et al., "Interpretations of Antibody Response to <i>Salmonella enterica</i> Serotype Enteritidis gm Flagellin in Poultry Flocks Are Enhanced by a Kinetics-Based Enzyme-Linked Immunosorbent Assay," <i>Clinical and Diagnostic Laboratory Immunology</i> , July 1998, pp. 550-555, Vol. 5, No. 4. American Society for Microbiology.	
	AH	Gast, Richard K., et al., "Assessing the Sensitivity of Egg Yolk Antibody Testing for Detecting <i>Salmonella enteritidis</i> Infections in Laying Hens," <i>Poultry Science</i> (June 1997) 76(6): 798-801	
	AI	Gast, Richard K., "Applying Tests for Specific Yolk Antibodies to Predict Contamination by <i>Salmonella enteritidis</i> in Eggs from Experimentally Infected Laying Hens," <i>Avian Diseases</i> , 41:195-202, Jan-Mar, 1997.	
	AJ	Thorns, Christopher J., "Development and Application of Enzyme-Linked Immunosorbent Assay for Specific Detection of <i>Salmonella enteritidis</i> Infections in Chickens Based on Antibodies in SEF14 Fimbrial Antigen," <i>Journal of Clinical Microbiology</i> , Apr. 1996, pp. 792-797, vol. 34, no. 4. American Society for Microbiology.	
	AK	Sachsenweger O., et al., "Evaluation of three commercial ELISA test kits for the detection of antibodies against <i>Salmonella enteritidis</i> ." <i>Tierarzt Prax</i> , August 1994, 22(4): 350-7. ABSTRACT.	
	AL	Timoney, J.F., et al., "Detection of antibody to <i>Salmonella enteritidis</i> by a gm flagellin-based ELISA," <i>Veterinary Record</i> (August 18, 1990) 127(7):168-9.	
	AM	Sojka, MarcJanna G et al., "Characterisation of epitopes of type 1 fimbriae of <i>Salmonella</i> using monoclonal antibodies specific for SEF21 fimbriae of <i>Salmonella enteritidis</i> , <i>Veterinary Microbiology</i> , 59(1998), pp. 157-174. Elsevier Science B.V.	
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Sheet	3	of	3	Attorney Docket Number	2977-112
	AN	Clouter, S.C., et al., "Unique fimbrae-like structures encoded by <i>sefD</i> of the SEF14 fimbriae gene cluster of <i>Salmonella enteritidis</i> ," <i>Molecular Microbiology</i> (1994), 12(6), 893-903.			✓
	AO	Van Zuiderveld, et al., "Comparison of Four Different Enzyme-Linked Immunosorbent Assays for Serological Diagnosis of <i>Salmonella enteritidis</i> Infections in Experimentally Infected Chickens," <i>Journal of Clinical Microbiology</i> , Oct. 1992, pp. 2560-2566, Vol. 30, No.10. American Society for Microbiology.			✓
	AP	Lin, Althena Wen-Chuan et al., "Salmonella enteritidis-Specific Monoclonal Antibodies," <i>Avian Diseases</i> , 36:455-458, 1992.			2 ✓
	AQ	Turcotte, Claude et al., "Cloning, DNA nucleotide sequence and distribution fo the gene encoding the SEF14 fimbrial antigen of <i>Salmonella enteritidis</i> ," <i>Microbiology</i> , 1993, 139:1477-1485. Great Britain.			✓
	AR	Nicholas, R.A.J., et al., "Development and application of an ELISA for detecting antibodies to <i>Salmonella enteritidis</i> in chicken flocks," <i>The Veterinary Record</i> , January 26, 1991, pp. 74-76.			✓
	AS	Masten, Barbara J. et al., "Molecular Analyses of the <i>Salmonella</i> g ... Flagellar Antigen Complex," <i>Journal of Bacteriology</i> , September 1993, vol. 175, no. 17, pp. 5359-5365. American Society for Microbiology			✓
	AT	Cooper, G.L., et al., "Evaluation of SEF14 fibrial dot blot and flagellar Western blot tests as indicators of <i>Salmonella enteritidis</i> infection in chickens," <i>The Veterinary Record</i> , February 17, 1996, pp. 149-153, vol. 138.			✓
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